

FIG. 1  
(PRIOR ART)

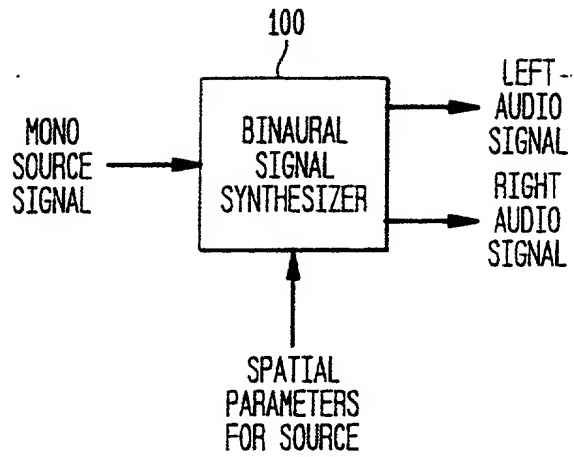


FIG. 2  
(PRIOR ART)

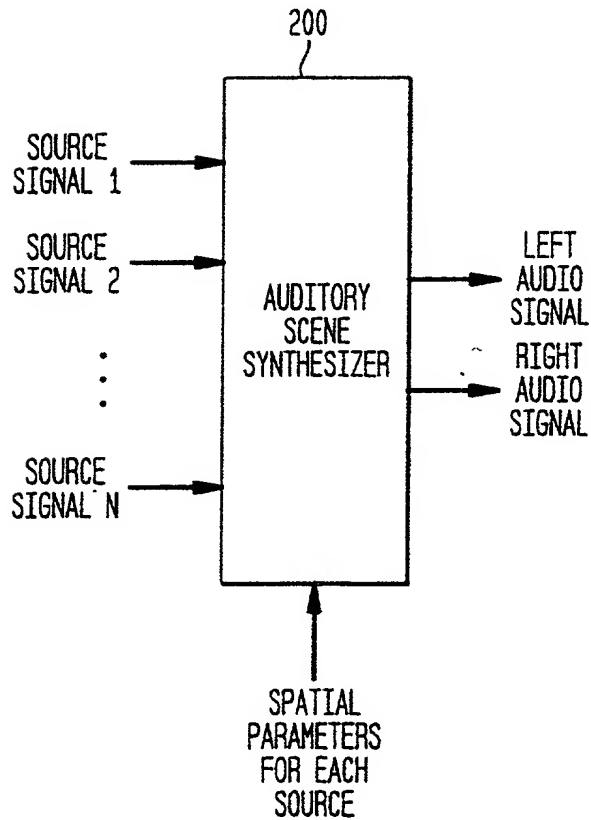
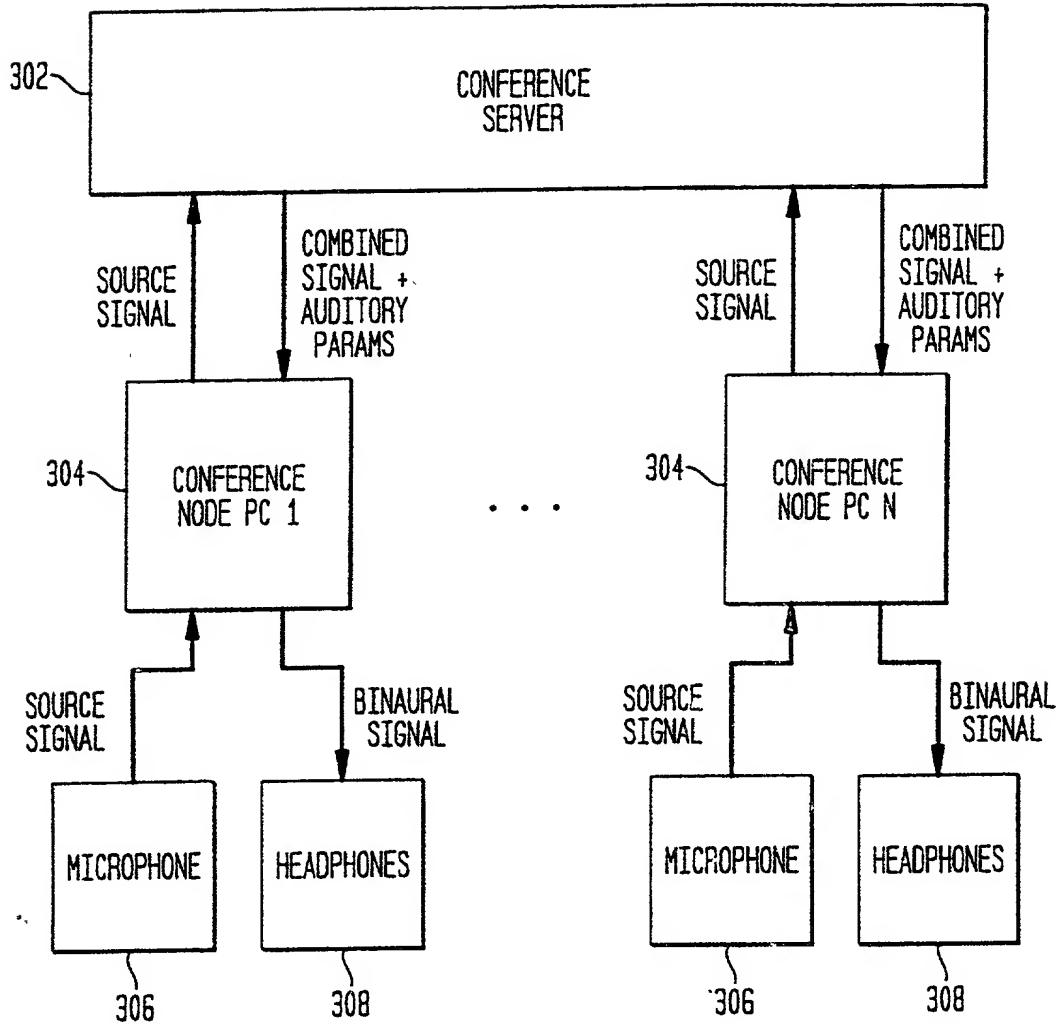


FIG. 3

300



Downloaded from 164.155.100.104

257-257  
 A method of recording and  
 processing audio signals  
 for use in a binaural  
 sound field. The method  
 involves a microphone array  
 and a set of filters for  
 processing the signals.  
 The method is applicable  
 to a wide range of audio  
 signals.

FIG. 4

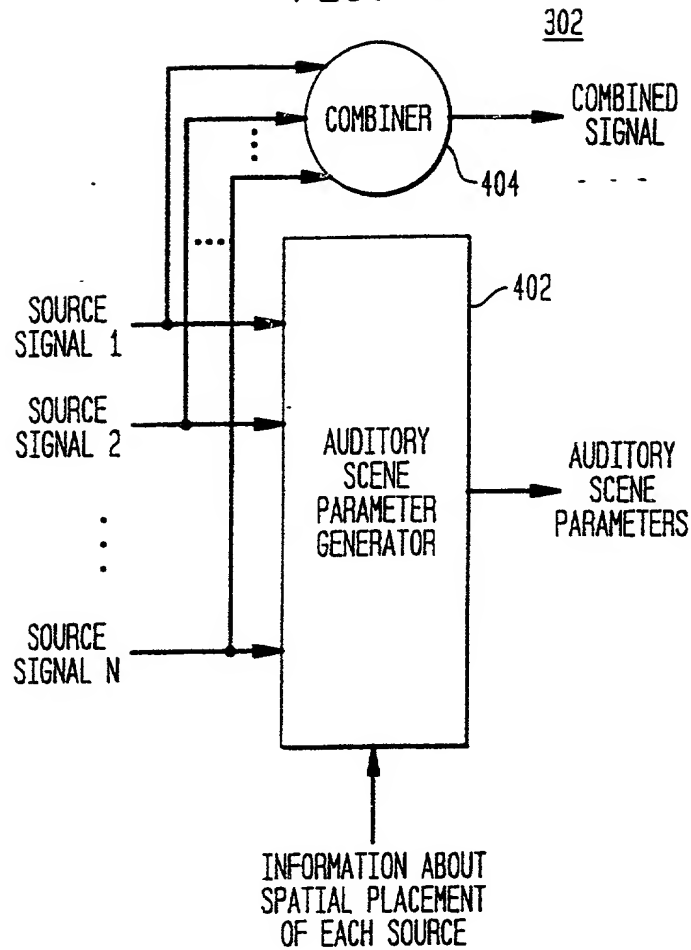


FIG. 5

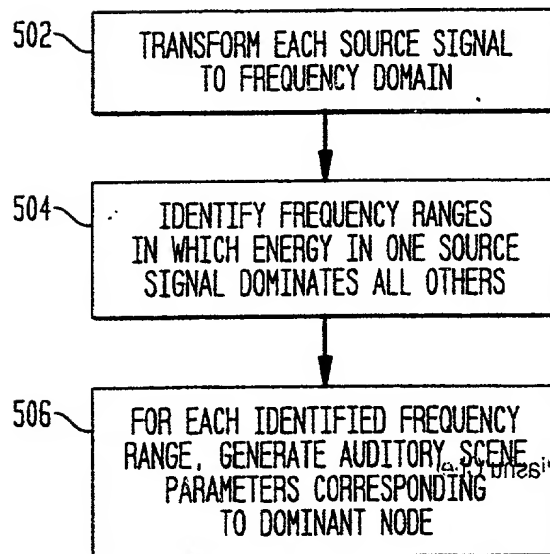


FIG. 6

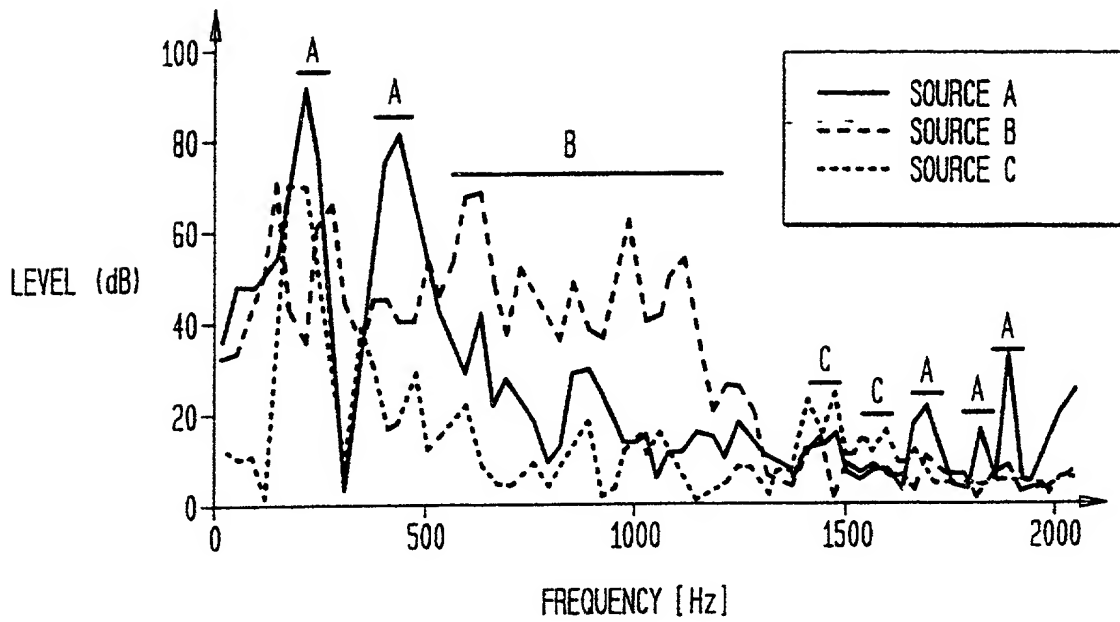
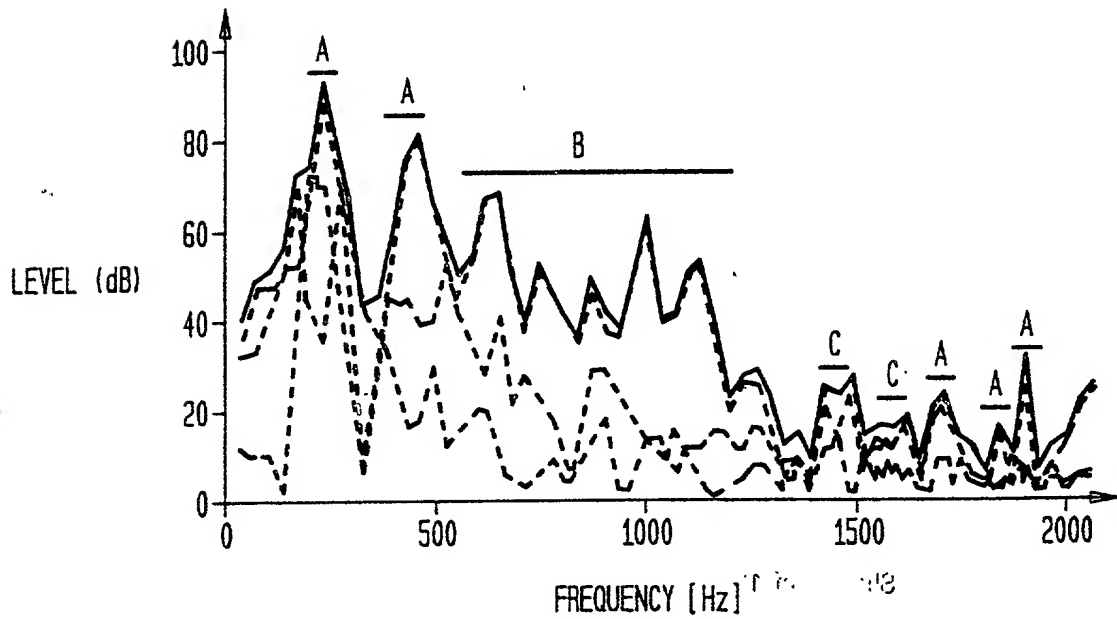


FIG. 8



Attorney General  
Department of Justice  
Washington, D.C. 20530  
7-603-7000

FIG. 7

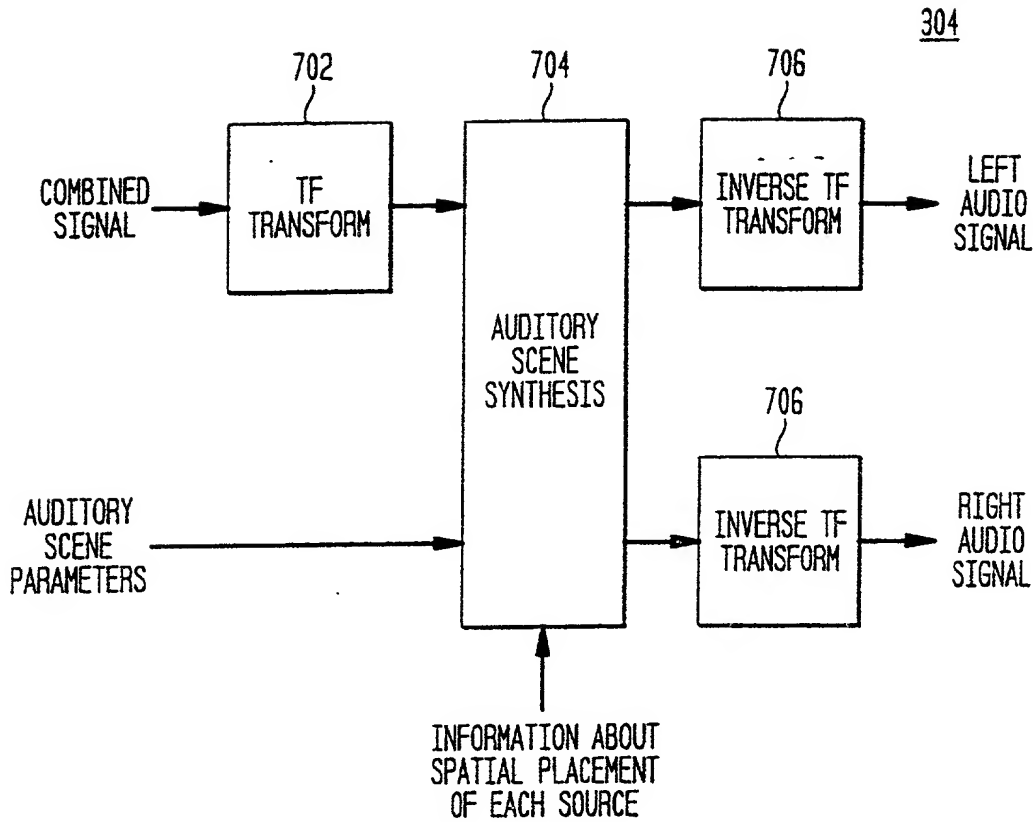
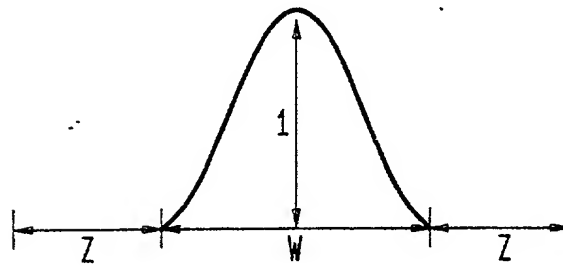


FIG. 9

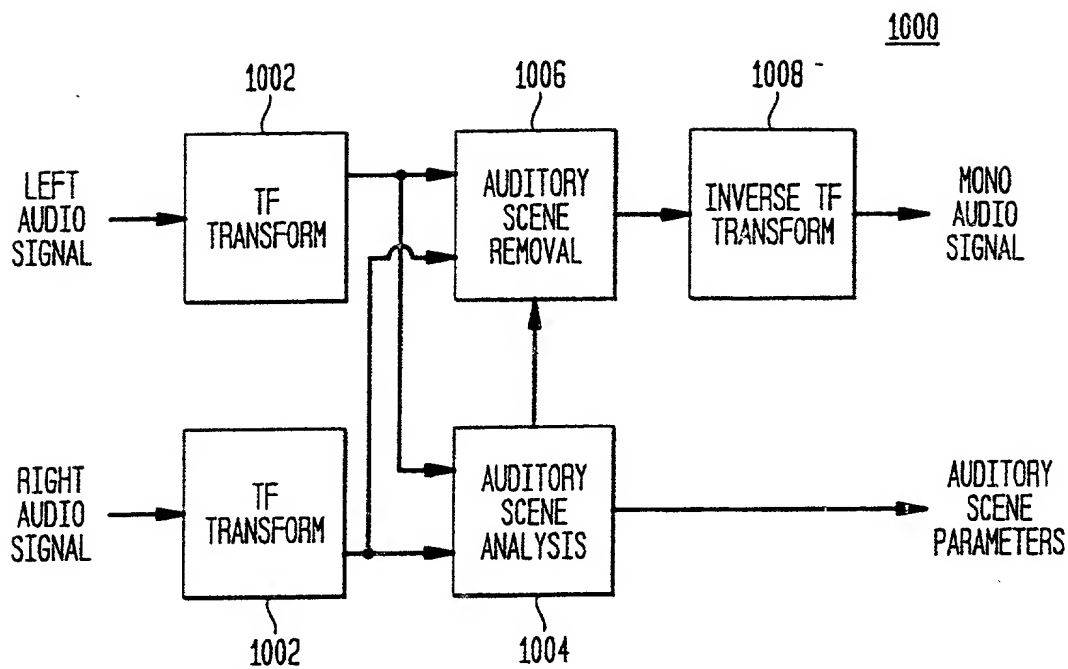


Sheet 1 of 11

These applications are hereby incorporated by reference into this document. The present invention is described in detail in the accompanying drawings, which are incorporated herein by reference. The present invention is described in detail in the accompanying drawings, which are incorporated herein by reference. The present invention is described in detail in the accompanying drawings, which are incorporated herein by reference.

40645463 40645463 40645463

FIG. 10

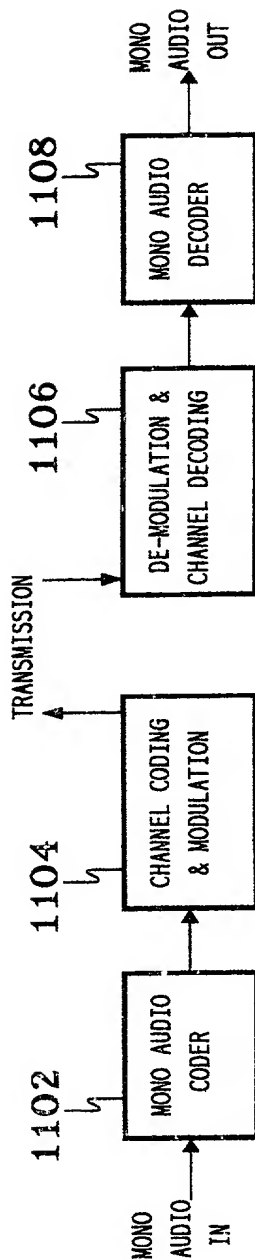


2 of 11

A method for removing an auditory scene from a mixture of audio signals. The method includes receiving a mixture of audio signals, performing an auditory scene analysis on the mixture of audio signals to identify an auditory scene, and removing the auditory scene from the mixture of audio signals to produce a residual signal. The method also includes performing an inverse auditory scene analysis on the residual signal to produce a mono audio signal.

FIG. 11

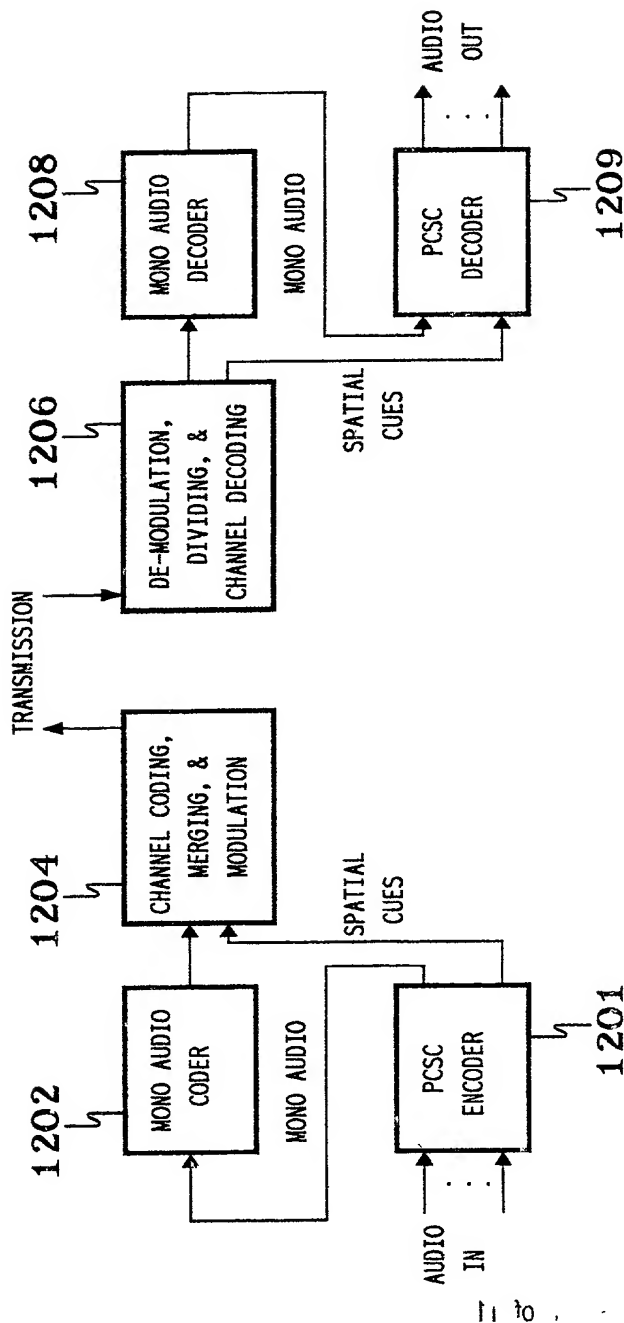
1100



Patent No. 3,544,500  
 Attorney-Doctel No. Baumgardner & Co.  
 1500 Pennsylvania Avenue, N.W.  
 Washington, D.C. 20004  
 (202) 637-8888

FIG. 12

1200



25-0027  
 A key of Record: in a Mendelson  
 "Spatial Cues"  
 "Backwards-Compatible Physical Coding of  
 Atmosphere" (Oct 1997)  
 and "10 of Fall"  
 in "Application of a Randomized" (Oct 1997)





FIG. 14

1400

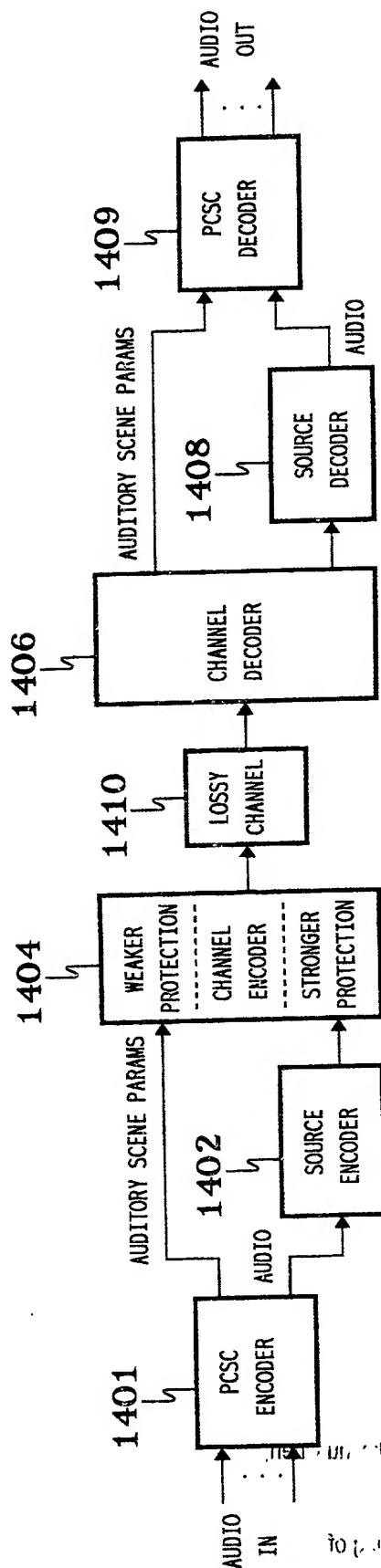


FIG. 15

1500

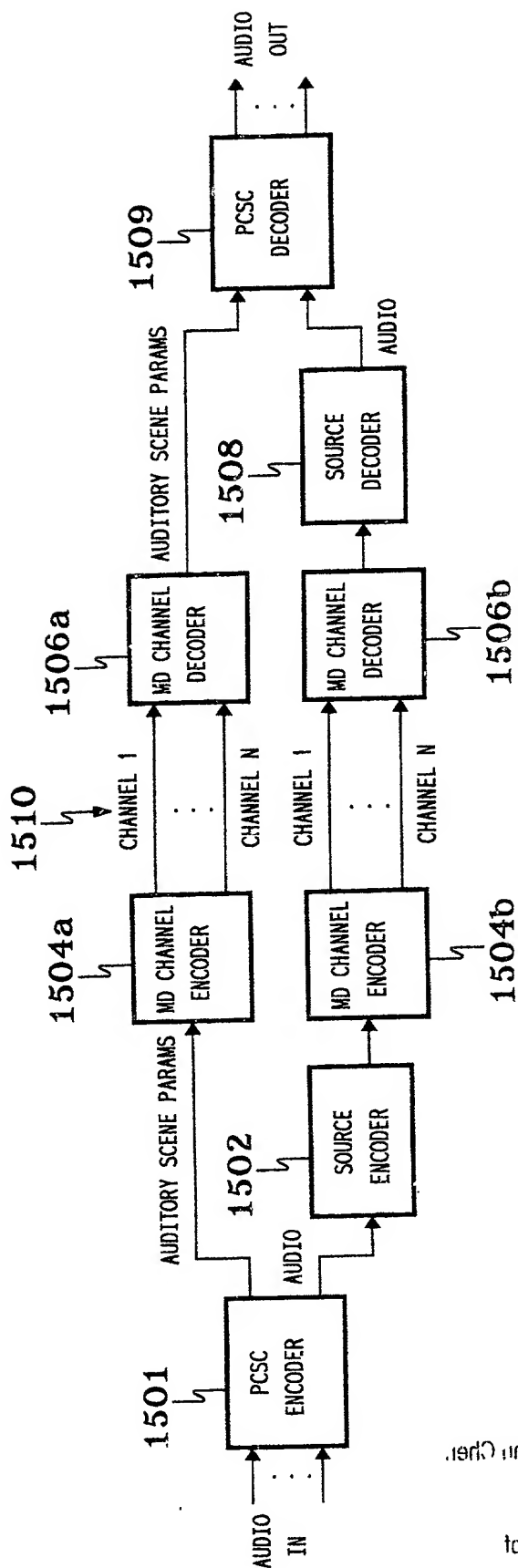


FIG. 15

FIG. 15